



## Fleet Primer WMP 174 S

### Sprayable Metal Primer

Fleet Primer WMP 174 S is a primer that acts as a bonding agent between metal substrates and Fleet PMMA waterproofing or highbuild systems.

#### PROPERTIES AND ADVANTAGES

- Very good bonding properties between metal substrates and the Fleet systems that are then applied.
- Easy to apply
- Adheres to all standard metal substrates
- Very high opacity
- Durable corrosion protection on iron and steel
- Very fast drying
- Spray jet is able to reach areas that are not easily accessible
- Very good water resistance

#### AREAS OF APPLICATION

Fleet Primer WMP 174S is used as a primer and bonding agent between metal substrates (e.g. iron, steel, aluminium, zinc, copper) and Fleet PMMA waterproofing or high build systems applied to those substrates. Not suitable for overlaying with any other products (e.g. primer, finish, surfacer/filler, mortar).

#### PACK SIZE

500 ml - spray can

#### COLOURS

Grey

#### MATERIAL

1-component, physically drying synthetic resin

#### APPLICATION CONDITIONS

##### Temperatures

The product can be applied within the following temperature ranges:

PRODUCT	TEMPERATURE RANGE IN °C		
	Air	Substrate*	Material
WMP 174 S	+3 to +35	+3 to +35*	+3 to +30

\* The substrate temperature must be at least 3°C above the dew point during application and curing

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## HUMIDITY AND MOISTURE

- The relative humidity must be  $\leq 85\%$ .
- The surface to be primed must be clean, dry and free from ice.
- The surface must be protected from moisture until the coating has hardened.

## STORAGE

Store the product sealed in its original airtight container and in a cool, dry and frost free place. The unopened product has a shelf life of at least 36 months after delivery. Direct sunlight onto the container should be avoided.

## DRYING TIMES

TEMPERATURE	DRYING TIME Fleet Primer WMP 174 S
30°C	approx. 20 minutes
20°C	approx. 30 minutes
10°C	approx. 40 minutes
3°C	approx. 45 minutes

## CONSUMPTION RATES

approx. 0.1l/m<sup>2</sup>

## PRODUCT APPLICATION: FOR APPLYING THE PRODUCT:

Spray can

## SUBSTRATE PREPARATION

The substrate to be coated must be free from any dirt or contamination. This includes existing coatings, rust, grease and oil. Severe dirt can be removed by mechanical means, e.g. a sander or wire brush. We recommend Fleet Cleaner for removing contamination such as grease and oil. The surface must be roughened slightly to provide a key before the primer is applied. Please ensure that the surrounding surfaces are covered so that they are protected from the atomised spray.

## APPLICATION

Shake the can for at least 2 minutes prior to application.

Then spray the primer onto the substrate to be coated, holding the nozzle about 15-20 cm from the surface. Avoid applying excessive amounts as this could impair the adhesive strength. Optimum results, including active corrosion protection, are obtained at a layer thickness of around 30  $\mu\text{m}$ .

Once the primer has been applied, hold the can upside down and press the sprayer briefly to clear the riser and prevent it from clogging. The primer should be overlaid with the next Fleet products within 8 hours of its application. If this time is exceeded, one further layer of primer may be applied, as described above.

## INFORMATION ON SAFETY AND RISKS

Please refer to the safety data sheets for the products used.

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## GENERAL INFORMATION

The above information, especially information about application of the products, is based on extensive development work as well as many years of experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the applicator to test the product to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products.